

**WORLD
MINE PRODUCTION OF
GOLD**

1983 - 1987

**THE GOLD INSTITUTE/L'INSTITUT DE L'OR
1001 Connecticut Ave., N.W., Washington, D.C. 20036 U.S.A.**

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With the excellent cooperation of mining and related enterprises throughout the world, The Gold Institute/l'Institut de l'Or has prepared this report on the World Mine Production of Gold. Mine production is defined as the gold produced from underground, surface, and alluvial sources.

Totals in thousands of troy ounces are given for each of the 57 countries known to produce at least one thousand troy ounces of gold annually from these sources.

The countries are arranged in the order of size of their projected production in 1985. For each country, actual production in 1983 is given, as well as estimated or projected production for each of the years 1984, 1985, 1986 and 1987.

The equivalents in metric tons, as well as the percentages of change from the previous years are shown for the world totals.

An additional summary of the 57 known gold producing countries of the world divides their production figures into four parts: those of the largest producing country, the second largest producing country, the total of the four next largest producing countries, and the total of all the 51 other producing countries.

Following the presentation of the gold production figures are the names of the mining and related enterprises which cooperated by providing information for this study, listed alphabetically by country.

The figures in this report are based on the latest gold mining estimates available to us in January 1985, and reflect revisions of estimates and projections in our previous publication of January 1984.

February 1985

MINE PRODUCTION OF GOLD
 IN THOUSANDS OF TROY OUNCES

C O U N T R Y	---ACTUAL---	----- PROJECTED -----			
	1983	1984	1985	1986	1987
South Africa	21,846	21,880	21,863	22,023	22,184
Soviet Union	9,100	9,200	9,400	9,600	9,700
Canada	2,363	2,615	2,862	3,117	3,323
United States	1,957	2,129	2,567	2,987	2,973
Brazil	1,728	1,630	2,042	2,443	2,624
China, People's Republic of	1,830	1,900	2,000	2,150	2,300
Australia —	941	1,151	1,636	1,657	1,648
Papua New Guinea	588	577	1,083	1,069	1,077
Philippines	802	842	866	866	902
Chile	571	553	581	588	594
Colombia	289	439	432	431	431
Zimbabwe	430	430	430	430	430
Ghana	303	320	340	390	510
Dominican Republic	361	339	312	300	297
Peru	225	225	225	225	225
Mexico	209	216	223	249	263
North Korea	160	164	166	168	170
Spain	120	136	127	112	97
Sweden	103	119	127	116	123
Yugoslavia	120	120	120	120	120
Japan	101	103	103	103	103
India	69	71	87	89	101
Indonesia	74	85	85	85	85
Malaysia	76	76	76	76	76
France	70	62	70	70	70
Romania	65	67	68	70	72
Zaire	60	60	60	60	60
South Korea	60	60	60	60	60
Bolivia	49	45	50	50	50
Fiji	50	40	50	58	62
Nicaragua	47	47	47	47	47
Costa Rica	30	30	40	40	40
Venezuela	25	25	25	25	25
Argentina	21	21	21	21	21
Finland	25	24	19	21	21
Liberia —	15	15	15	15	15
Ethiopia	14	14	14	14	14
Mali	13	13	13	13	13
New Zealand	8	8	13	28	28
Ecuador	11	11	11	11	11

C O U N T R Y	---ACTUAL---	-----PROJECTED-----			
	1983	1984	1985	1986	1987
Taiwan	11	11	11	11	11
Zambia	10	10	10	10	10
Portugal	7	7	9	9	9
Guyana	9	9	9	9	9
French Guyana	4	4	4	4	4
El Salvador	3	3	3	3	3
German Federal Republic	2	2	2	2	2
Honduras	2	3	1	2	2
Gabon	1	1	1	1	1
Sudan	1	1	1	1	1
British Solomon Islands	1	1	1	1	1
Burma	1	1	1	1	1
Rwanda	1	1	1	1	1
Tanzania	1	1	1	1	1
Madagascar	1	1	1	1	1
Congo	1	1	1	1	1
Other African Countries	1	1	1	1	1

WORLD TOTAL

	44,985	45,920	48,387	50,057	51,024
<i>Equivalent in metric tons</i>	1,399	1,428	1,505	1,557	1,587
<i>Change from previous year</i>		+2.1%	+5.4%	+3.5%	+1.9%

ADDITIONAL SUMMARY

South Africa

Million Troy Ounces	21.8	21.9	21.9	22.0	22.2
<i>Equivalent in metric tons</i>	678	681	681	684	684
<i>Change from previous year</i>		+0.4%	0%	+0.5%	+0.9%
<i>% of World Total</i>	48.4%	47.8%	45.3%	43.8%	43.5%

Soviet Union

Million Troy Ounces	9.1	9.2	9.4	9.6	9.7
<i>Equivalent in metric tons</i>	283	286	292	298	302
<i>Change from previous year</i>		+1.1%	+2.2%	+2.1%	+1.0%
<i>% of World Total</i>	20.2%	20.0%	19.4%	19.2%	19.0%

Canada, China, U.S., Brazil

Million Troy Ounces	7.9	8.3	9.5	10.7	11.2
<i>Equivalent in metric tons</i>	246	258	295	333	348
<i>Change from previous year</i>		+5.1%	+14.5%	+12.6%	+4.7%
<i>% of World Total</i>	17.6%	18.1%	19.6%	21.4%	22.0%

All 51 Other Countries

Million Troy Ounces	6.2	6.5	7.6	7.8	7.9
<i>Equivalent in metric tons</i>	193	202	236	243	246
<i>Change from previous year</i>		+4.8%	+16.9%	+2.6%	+1.3%
<i>% of World Total</i>	13.8%	14.1%	15.7%	15.6%	15.5%

CONTRIBUTORS OF INFORMATION
ON
WORLD MINE PRODUCTION OF GOLD

1983 - 1987

AUSTRALIA

Barrack Mines Limited
Perth, Western Australia
The Broken Hill Pty. Co.,
Melbourne, Victoria
Emperor Mines Limited
Mordialloc, Victoria
Kalgoorlie Mining Associates
Fimiston, Western Australia
Kia Ora Gold Corporation N.L.,
Perth, Western Australia
The Mount Lyell Mining &
Railway Company Limited
Queenstown, Tasmania
New Guinea Goldfields Limited
Sydney, New South Wales
North Broken Hill Limited
Melbourne, Victoria
Renison Goldfields Cons. Ltd.,
Sydney, New South Wales
Western Mining Corporation Ltd.,
Melbourne, Victoria
Whim Creek Consolidated N.L.,
West Perth, Western Australia

Cia. de Mineração dos Gualaxos
Belo Horizonte, Minas Gerais
Cia. Siderurgica Nacional
Ouro Preto, Minas Gerais
Departamento Nacional da Produção
Mineral
Brasilia, D.F.
Dragagem Fluvial, S.A.
Rio de Janeiro, RJ
Itagipe S.A. Empresa Brasileira
de Mineração (AR)
Salvador, Bahia
Mina Tinhutua Ltda.
Campo Largo, Parana
Mineração Itajubatiba Ltda.
Campina Grande, Paraíba
Mineração Morro Velho, S.A.
Nova Lima, Minas Gerais
Mineração Ribeirão do Ouro Ltda.
Curitiba, Parana
Mineração Rio das Mortes, S.A.
Rio de Janeiro, RJ
Mineração Tejucana, S.A.
Belo Horizonte, Minas Gerais
Minérios Gaspar Ltda.
Florianopolis, Santa Catarina
Minesul S.A. Mineração
Sao Sepe, Rio Grande do Sul
Ouro Aluvionar Ltda.
Mariana, Minas Gerais
Sao Bento Mineração, S.A.
Belo Horizonte, Minas Gerais

BOLIVIA

Asociacion Nacional de Mineros
Medianos
La Paz
Corporacion Minera de Bolivia
La Paz

BRAZIL

Caraiba Metais S.A. Industria e
Comercio
Salvador, Bahia
Colonização Mineração Industria e
Agropecuaria Ltda.
Manaus, Amazonas

CANADA

Agnico-Eagle Mines Ltd.,
Toronto, Ontario
Aiguebelle Resources, Inc.,
Royn, Quebec
Avino Mines & Resources Ltd.,
Vancouver, British Columbia

CANADA

Continued

Bachelor Lake Gold Mines, Inc.,
Montreal, Quebec
Blackdome Exploration Ltd.,
Vancouver, British Columbia
Brinco Mining Limited
Vancouver, British Columbia
California Silver Ltd.,
Vancouver, British Columbia
Camflo Mines Limited
Toronto, Ontario
Canamax Resources Inc.,
Toronto, Ontario
Cominco Limited
Vancouver, British Columbia
Consolidated Cinola Mines Ltd.,
Vancouver, British Columbia
Corporation Falconbridge Copper
Noranda, Quebec
Department of Energy, Mines and
Resources
Ottawa, Ontario
Dickenson Mines Limited
Toronto, Ontario
Dome Mines Limited
Toronto, Ontario
Du Pont of Canada Exploration Ltd.,
Vancouver, British Columbia
Echo Bay Mines Limited
Edmonton, Alberta
Equity Silver Mines Limited
Vancouver, British Columbia
Erickson Gold Mines Limited
Vancouver, British Columbia
Giant Yellowknife Mines Limited
Toronto, Ontario
Hudson Bay Mining & Smelting
Company Limited
Toronto, Ontario
INCO Limited
Toronto, Ontario
Kerr Addison Mines Limited
Toronto, Ontario
Kidd Creek Mines Limited
Toronto, Ontario
Lac Minerals Ltd.,
Toronto, Ontario
Lacana Mining Corporation
Toronto, Ontario
Lynx-Canada Explorations Ltd.
Toronto, Ontario

The Mosquito Creek Gold Mining
Company Limited
Calgary, Alberta
Newmont Mines Limited
Vancouver, British Columbia
Noranda Inc.
Noranda, Quebec
Noranda Sales Corporation Ltd.,
Toronto, Ontario
Northair Mines Limited
Vancouver, British Columbia
Northgate Exploration Limited
Toronto, Ontario
Pamour Porcupines Mines Ltd.,
Timmins, Ontario
Placer Development Limited
Vancouver, British Columbia
Queenston Gold Mines Limited
Toronto, Ontario
Rayrock Resources Limited
Toronto, Ontario
Renabie Mines Limited
Missanabie, Ontario
Societe Miniere Louvem
Val d'Or, Quebec
Sonora Gold Corporation
Vancouver, British Columbia
SOQUEM
Sainte Foy, Quebec
Teck Corporation
Val d'Or, Quebec
Utah Mines Limited
Port Hardy, British Columbia
Westmin Resources Limited
Vancouver, British Columbia
Wilanour Resources Limited
Toronto, Ontario

CHILE

Compania Minera El Indio
Santiago
Compania Minera y Comercial
Sali Hochschild, S.A.
Santiago
Corporacion Nacional del Cobre
Santiago
Servicio Nacional de Geologia y
Mineria
Santiago

COLOMBIA

Mineros de Antioquia, S.A.
Medellin

DOMINICAN REPUBLIC

Rosario Dominicana, S.A.
Santo Domingo

ECUADOR

Direccion General de Geologia
y Minas
Quito

FINLAND

Outokumpu Oy
Helsinki

FRANCE

Mines et Produits Chimiques de Salsigne
Conques sur Orbiel

GREAT BRITAIN

Consolidated Gold Fields Ltd.,
London

INDIA

Bharat Gold Mines Limited
Karnataka
Hindustan Copper Limited
Calcutta
The Hutti Gold Mines Co., Ltd.,
Karnataka
Indian Bureau of Mines
Nagpur
Luxmi Traders
Calcutta

JAPAN

Akenobe Mining Company Limited
Hyogo
Chitose Mines Company Limited
Hokkaido
Chugai Mining Company Limited
Hokkaido
Dowa Mining Company Limited
Akita
Furutobe Mining Company Limited
Akita
Hanawa Mining Company Limited
Akita
Hokushin Mining Company Limited
Hokkaido
Hosokura Mining Company Limited
Miyagi
Iwami Mines Company Limited
Shimane
Japan Mining Industry Association
Tokyo
Kabutoyama Mines Company Limited
Hiroshima
Kasuga Mines Company Limited
Kogashima
Mitsubishi Metal Corporation
Tokyo
Mitsui Mining & Smelting Co., Ltd.,
Tokyo
Mitsui Kushikino Mines Co., Ltd.
Kagoshima
Miyauchi Akashi Company Limited
Kagoshima
Nippon Mining Company Limited
Tokyo
Oomidani Mines Company Limited
Hyogo
Sado Gold Mines Company Limited
Niigata
Sakoshiodomari Mines Co., Ltd.,
Hyogo
Shakanai Mines Company Limited
Akita
Shimokawa Mining Co., Ltd.
Gunma
Shin-Kamaishi Mines Co., Ltd.
Iwate
Sumitomo Metal Mining Co., Ltd.
Tokyo

JAPAN

Continued

Tanaka Kikinzoku Kogyo K.K.
Tokyo
Toyoha Mines Company Limited
Hokkaido
Tsumo Mining Company Ltd.,
Shimane
United Resources Industry
Company Limited
Hokkaido
Yatani Mining Company Limited
Yamagata

Compania Minera Katanga
Lima
Compania Minera Milpo, S.A.
Lima
Compania Minera Raura, S.A.
Lima
Corporacion Minera Nor Peru, S.A.
Lima
Empresa Minera del Centro del
Peru (CENTROMIN PERU)
Lima
Minas Arcata, S.A.
Lima

MEXICO

Compania Fresnillo, S.A.
Mexico, D.F.
Compania Minera de Cananea, S.A.
Mexico, D.F.
Compania de Real del Monte y
Pachuca, S.A.
Pachuca, Hidalgo
Frisco, S.A. de C.V.
Mexico, D.F.
Grucat S.A. de C.V.
Mexico, D.F.
Industrial Minera Mexico, S.A.
Mexico, D.F.
Industrias Luismin S.A. de C.V.
Mexico, D.F.
Industrias Penoles, S.A.
Mexico, D.F.
Minera San Francisco del Oro, S.A.
San Francisco del Oro, Chihuahua

PHILIPPINES

Apex Mining Company, Inc.
Pasig, Metro Manila
Atlas Consolidated Mining &
Development Corporation
Makati, Metro Manila
Benguet Corporation
Makati, Metro Manila
Itogon-Suyoc Mines, Inc.,
Ermita, Manila
Marcopper Mining Corporation
Makati, Metro Manila
Philex Mining Corporation
Pasig, Metro Manila
Surigao Consolidated Mining
Company, Inc.
Pasig, Metro Manila

PAPUA NEW GUINEA

Bougainville Copper Limited
Bougainville
Ok Tedi Mining Limited
Port Moresby

PORTUGAL

Minas de Jalles, Lda.
Lisboa

PERU

Compania Minera Atacocha, S.A.
Lima
Cia. de Minas Buenaventura, S.A.
Lima
Compania Minera Huampar, S.A.
Lima

SOUTH AFRICA

Barberton Mines
Johannesburg
Blyvooruitzich Gold Mining
Co., Ltd.
Johannesburg
Bracken Mines Limited
Johannesburg

SOUTH AFRICA

Continued

Buffelsfontein Gold Mining Co., Ltd.,
Johannesburg
Chamber of Mines of South Africa
Johannesburg
Deelkraal Gold Mining Co., Ltd.,
Johannesburg
Doornfontein Gold Mining Co., Ltd.
Johannesburg
Durban Roodepoort Deep Ltd.,
Johannesburg
East Driefontein Gold Mining
Company Limited, Johannesburg
East Rand Proprietary Mines Ltd.,
Johannesburg
Elandsrand Gold Mining Co., Ltd.,
Johannesburg
Free State Geduld Mines, Ltd.,
Johannesburg
Free State Saaiplaas Gold Mining
Company Limited
Johannesburg
The Grootvlei Proprietary Mines Ltd.,
Johannesburg
Harmony Gold Mining Co., Ltd.,
Johannesburg
Hartebeestfontein Gold Mining
Company Limited
Johannesburg
Kinross Mines Limited
Johannesburg
Kloof Gold Mining Company Limited
Johannesburg
Leslie Gold Mines Limited
Johannesburg
Libanon Gold Mining Co., Ltd.
Johannesburg
Lorraine Gold Mines, Ltd.,
Johannesburg
Marievale Consolidated Mines Ltd.,
Johannesburg
President Brand Gold Mining
Company Limited
Johannesburg
President Steyn Gold Mining Co., Ltd.,
Johannesburg
Randfontein Estates Gold Mining
Company Limited
Johannesburg
St. Helena Gold Mines Ltd.,
Johannesburg

Stilfontein Gold Mines Ltd.,
Johannesburg
Unisel Gold Mines Limited
Johannesburg
Vaal Reefs Exploration and
Mining Company, Ltd.,
Johannesburg
Venterspost Gold Mining Co., Ltd.,
Johannesburg
Welkom Gold Mining Company
Johannesburg
West Driefontein Gold Mining
Company Limited
Johannesburg
Western Areas Gold Mining
Company Limited
Johannesburg
Western Deep Levels, Ltd.,
Johannesburg
Western Holdings, Ltd.,
Johannesburg
West Rand Consolidated Mines Ltd.,
Johannesburg
Winkelhaak Mines Limited
Johannesburg

SPAIN

Rio Tinto Minera, S.A.
Madrid

SWEDEN

Boliden Mineral AB
Boliden

TAIWAN

Taiwan Power Company
Taipei

UNITED STATES

Amoco Minerals Company
Englewood, Colorado
Amselco Minerals, Inc.,
Denver, Colorado
Anaconda Minerals Company
Denver, Colorado
J. Aron & Co./Goldman Sachs
New York, New York
Asamera Minerals, (US) Inc.,
Reno, Nevada
Asarco Incorporated
New York, New York
Callahan Mining Corporation
Phoenix, Arizona
Coeur d'Alene Mines Corporation
Wallace, Idaho
Duval Corporation
Houston, Texas
Federal Resources Corporation
Salt Lake City, Utah
Freeport Gold Company
Elko, Nevada
Freeport Indonesia, Inc.
New York, New York
Getty Mining Company
Los Angeles, California
The Goldfield Corporation
Truth or Consequences, New Mexico
Gold Fields Mining Corporation
New York, New York
Hecla Mining Company
Wallace, Idaho
Hendricks Mining Company, Inc.
Nederland, Colorado
Homestake Mining Company
San Francisco, California
Inspiration Consolidated Copper Co.
Claypool, Arizona
Intermountain Exploration Company
Boulder City, Nevada
Kay Mining & Milling Corporation
Las Vegas, Nevada
Kennecott Corporation
Trumbull, Connecticut
Little Squaw Gold Mining Company
Spokane, Washington
Lode Star Gold Mines, Inc.
Sun City, Arizona
Pegasus Gold Incorporated
Spokane, Washington

Phelps Dodge Corporation
New York, New York
Placer U.S. Incorporated
San Francisco, California
Rosario Resources Corporation
Greenwich, Connecticut
Standard Metals Corporation
New York, New York
The Standard Slag Company
Reno, Nevada
St. Joe International Corporation
New York, New York
Tenneco Minerals Company
Hawthorne, Nevada
U. S. Bureau of Mines
Washington, D. C.